

AMENDMENTS

In the Claims

Claim 1 (Currently amended) A wireless computer network planning simulation system for mapping wireless network performances for planning a wireless computer network having over a predetermined layout, said system comprising:

a template database for storing having a plurality of templates of wireless performance data;

a template identifier coupled to that operable to access the template database, said template identifier for receiving is adapted to receive search terms and for searching said search form the template database for matching templates, wherein the search terms include design factors relating to wireless network and the predetermined layout;

a network performance contour overlay generator that operable to process the matching template based on the design factors of the wireless network and create for creating network performance contour overlays from performance parameters extracted from said matching templates; and

a network performance contour overlay superimposer for receiving that operable to receive said predetermined layout and for superimposing superimpose at least one of said network performance contour overlays onto said predetermined layout producing a superimposed layout.

Claim 2 (Original) The system in accordance with claim 1, wherein said template database comprises a test-bed template database and a simulation template database.

Claim 3 (Currently amended) The system in accordance with claim 2, wherein said plurality of templates comprises a plurality of test-bed templates and a plurality of simulation templates.

Claim 4 (Original) The system in accordance with claim 1, further comprising a displaying means for displaying said superimposed layout.

Claim 5 (Original) The system in accordance with claim 1, further comprising a reproduction means for printing said superimposed layout onto some media means.

Claim 6 (Currently amended) A method for simulating wireless network performance for planning a wireless computer network for over a predetermined layout, said method comprising the steps:

- a. receiving said—the predetermined layout and search terms, wherein the search terms include design factors relating to the wireless network and the predetermined layout;
- b. searching accessing a template database having a plurality of templates of wireless performance data;
- c. identifying for suitable matching templates from the template database, based on said search terms;
- e.d. creating at least one network performance contour overlays from the performance parameters extracted from said matching templates based on the design factors; and
- d.e. superimposing said at least one the network performance contour overlays onto said predetermined layout.

Claim 7 (Currently amended) The method in accordance with claim 6, wherein said step b. further comprises the steps:

- b1. receiving search terms; and
- b2b1. searching a simulation template database and a test-bed template database in said template database.

Claim 8 (Currently amended) The method in accordance with claim 6, wherein said step e₂d. further comprises the steps:

- e1d1. receiving desired performance parameters;
- e2d2. Extracting said desired performance parameters data from said matching templates in said template database; and
- e3d3. generating network performance contour overlays from said desired performance parameters data.

Claim 9 (Currently amended) The method in accordance with claim 6, after step b₂c. comprising step e₂f.:

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assigning a matching template if step bc. produces no matching template.